

ABSTRACT OF THE DISCLOSURE:

A sealing gasket for closure, made of a polyurethane elastomer obtained by reacting the following (A) and (B):

(A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate, and

(B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups; and a process for producing a closure using such a sealing gasket.

The closure sealing gasket made of a polyurethane elastomer, obtained by the present invention, when used for a closure (e.g. a metal closure of food container), causes no yellowing by ultraviolet light, has a strength at least equal to those of sealing gaskets produced from an aromatic isocyanate and, moreover, excellent rubber properties, is low in dissolution in liquid foods contained in the food container, and promises sufficient sealability.

The process for producing a closure according to the present invention is high in productivity and can use the production facilities for other materials such as polyvinyl chloride resin and the like.